(5)

AEE/TDSD/ES/363/16-17

BRUHAT BENGALURU MAHANAGARA PALIKE

T.Dasarahalli, SUB Division
Dasarahalli Zone

Name of Work: Improvements and Construction of CC Road Coconut Garden Road to Cross roads in Dasarahalli Ward No 15

Estimate Cost Rs:- 25.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Improvements and Construction of CC Road Coconut Garden Road to Cross roads in Dasarahalli Ward No 15

			Est. Cost Rs				25.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB-2-2.2: **Earthwork excavation** for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/								
		Cum	3	78.00	0.90	0.30	63.18		
			1	68.00	0.90	0.30	18.36		
			3	20.00	0.90	0.30	16.20	115.56	12924.00
							97.74	288.36	28184.00
	Basic Rate	~~267.00~~	107.00						
	Add Area Weightage 8%	~~21.36~~	8.56						
	Total	~~288.36~~	115.56						
2	KSRB 4-1.3: Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2015-16)								
		Cum	3	78.00	0.90	0.15	31.590		
			1	68.00	0.90	0.15	9.180		
			3	20.00	0.90	0.15	8.100		
	Basic Rate	4695.00					48.870	5070.60	247800.00
	Add Area Weightage 8%	375.60							
	Total	5070.60							
3	KSRRB M600-2. Cement Concrete Pavement :- Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M30 at 360 kg per cum, with 25mm and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications.(Page No: 173, itNo: 22.2.1)								
		Cum	1	78.00	5.00	0.15	58.500		
			2	78.00	4.00	0.15	93.600		
			1	68.00	4.60	0.15	46.920		

Sl	Description of Item	Unit	No	L	B		Qty	Rate	Amount
			3	20.00	4.00		36.000		
	Basic Rate	6429.00					235.020	6943.32	1631819.00
	Add Area Weightage 8%	514.32							
	Total	6943.32							
4	KSRB 4.9.2: Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page-17, itNo: 4.46.3) TMT Fe bars - Fe500,								
	item NO :3	Kgs	1	235.02	X	35.00	8225.70		
							8225.70	69805.80	57-3803-00
		Tonne				Say	8.22	70509.96	579592.00
	Basic Rate	~~65287.00~~	69635.00						
	Add Area Weightage 8%	~~5222.96~~	5170.80						
	Total	~~70509.96~~	69805.80						
5	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading (Page 136 table) Page No. 133 Item No. 17.1 PWD SR 2015-16								
	Qnty vide itNo:1	Cum					97.74	78.24	7647.00
	Loding and unloding charges	62.20							
	Lead 4kms 2x1.28x4	10.24							
		72.44							
	Add Area Weightage 8%	5.80							
	Total	78.24							
6)	I.V. & C testing charges						—	L.S	29679-00
##	Miscellaneous and UnforessenCharges						—	L.S	4958.00
								Total	2500000.00

(Rupees. Twenty Five Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

CE/D2/AS/30/15-16.

ನಂ. Pg: 43 ದಿನಾಂಕ: 04/01/2016

ರೂ. Rs (2500000/- (ರೂ. ಇಪ್ಪತ್ತೈದು ಲಕ್ಷಗಳು) ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

CE/D2/TS/19/15-16.

ನಂ. Pg 8E ದಿನಾಂಕ: 04/01/2016.

ರೂ. 2500000/- (ರೂ. ಇಪ್ಪತ್ತೈದು ಲಕ್ಷಗಳು) ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

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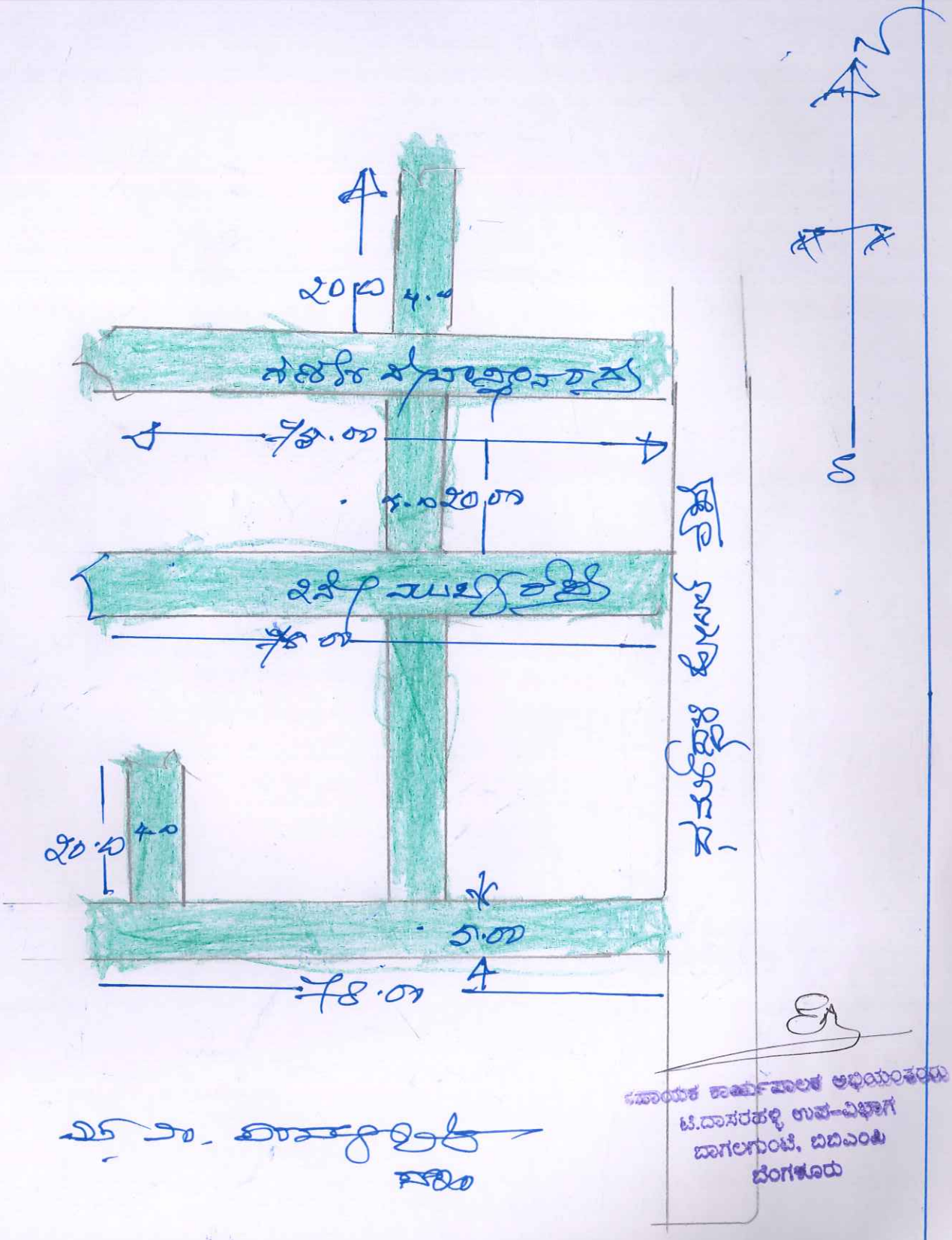

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

Name of work :- ರಸ್ತಾಪಾಲಾಕರಣ & ಅಭಿವೃದ್ಧಿ
ಮಾಡುವುದು of C.C road concrete
gradeon Road & cross roads in
Dasarahalli ward 15
Sketch not to scale